

INTERNATIONAL SEARCH REPORT

International Application No
PCT/IB2004/002285

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C22B13/04 H01M10/54

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C22B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, COMPENDEX

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 3 883 348 A (ACOVENO FLOYD A ET AL) 13 May 1975 (1975-05-13)	1-8
Y	Claim 1; example 1; Figure 2	1
X	BEGUM D A ET AL: "A STUDY ON THE DISSOLUTION OF LEAD SULPHATE FROM WASTE BATTERIES WITH ETHANOLAMINES" HYDROMETALLURGY, ELSEVIER SCIENTIFIC PUBLISHING CY. AMSTERDAM, NL, vol. 22, no. 1/2, 1 June 1989 (1989-06-01), pages 259-266, XP000050290 ISSN: 0304-386X Page 260: Experimental	1-7
Y	US 5 690 718 A (SABIN CULLEN M) 25 November 1997 (1997-11-25) Column 10, lines 56-66	1
	-/-	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

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- *O* document referring to an oral disclosure, use, exhibition or other means
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Date of the actual completion of the international search

13 October 2004

Date of mailing of the international search report

22/10/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 4 018 567 A (LA POINT ALBERT E) 19 April 1977 (1977-04-19) Claim 1	1
X	GB 2 073 725 A (ASS LEAD MFG LTD) 21 October 1981 (1981-10-21) Page 1, lines 33-42	1,6,7
A	FERRACIN L C ET AL: "Lead recovery from a typical Brazilian sludge of exhausted lead-acid batteries using an electrohydrometallurgical process" HYDROMETALLURGY, ELSEVIER SCIENTIFIC PUBLISHING CY. AMSTERDAM, NL, vol. 65, no. 2-3, September 2002 (2002-09), pages 137-144, XP004377792 ISSN: 0304-386X Paragraphs 2.1, 2.2, 2.3.	1

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Information on patent family members

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 3883348	A	13-05-1975	NONE	
US 5690718	A	25-11-1997	AU WO	7164296 A 9712998 A1
				28-04-1997 10-04-1997
US 4018567	A	19-04-1977	US	3892563 A
				01-07-1975
GB 2073725	A	21-10-1981	NONE	